Input-Output Similarities  $\alpha = 1$  $\alpha = 2$  $\alpha = 3$  $\alpha = 4$  $\mathbf{x}_t \cdot \mathbf{x}_{t'}$  $t\neq t'$ t = t'(**x** ) **n** 1000 - $\boldsymbol{y}_t \cdot \boldsymbol{y}_{t'}$  $\mathbf{y}_t$   $\mathbf{y}_{t'}$  $\mathbf{y}_t$   $\mathbf{y}_{t'}$  $\mathbf{y}_t \cdot \mathbf{y}_{t'}$